Title (en)

SYSTEMS AND METHODS FOR BIOMECHANICALLY-BASED EYE SIGNALS FOR INTERACTING WITH REAL AND VIRTUAL OBJECTS

Title (de)

SYSTEME UND VERFAHREN FÜR AUGENSIGNALE AUF BIOMECHANISCHER BASIS ZUR INTERAKTION MIT ECHTEN UND VIRTUELLEN OBJEKTEN

Title (fr)

SYSTÈMES ET PROCÉDÉS DESTINÉS À DES SIGNAUX OCULAIRES BASÉS SUR LA BIOMÉCANIQUE, QUI PERMETTENT D'ENTRER EN INTERACTION AVEC DES OBJETS RÉELS ET VIRTUELS

Publication

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Application

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- US 201462027777 P 20140722
- US 201462038984 P 20140819
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- US 201462046072 P 20140904
- US 201462074920 P 20141104
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Abstract (en)

[origin: US2015324568A1] Apparatus, systems, and methods are provided for secure mobile communications (SMC) by an individual using biometric signals and identification in real time. The apparatus includes a wearable computing device where identification of the user is based on iris recognition, and/or other physiological and anatomical measures. Biometric identity measures can be combined with other security-based information such as passwords, date/time stamps, and device identification. Identity verification can be embedded within information that is transmitted from the device and/or to determine appropriate security measures. SMC addresses security issues associated with the transmission of eye-signal control and biometric identification data using secure interfaces with network devices within a system of systems (SoS) software architecture.

IPC 8 full level

G06F 3/01 (2006.01); **G06F 3/03** (2006.01); **G06F 21/32** (2013.01); **G06F 21/64** (2013.01); **G06K 9/00** (2006.01); **H04N 23/90** (2023.01)

CPC (source: CN EP KR US)

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